| / | 61 | Substitute Form PTO-1449 RNEdined) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 15682-004001 | Application No. 10/691,785 |
|-----|---|------------------------------------|--|---------------------------------------|----------------------------|
| JUL | nformation Disclo | | Applicant Tatsuya Sugawara et al. | | |
| | (Use several shee (37 CFR \$1.98(b)) | ets if necessary) | Filing Date October 23, 2003 | Group Art Unit | |

| ADEBO | | | U.S. Pate | ent Documents | | | |
|---------------------|--------------|--------------------|---------------------|---------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| m | AA | 2002/0136942 | 09/26/2002 | Kashiwagi | | | |
| | AB | / | | | | | |
| _ | AC | 7 | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | 7 | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | ΑI | 1 | | | | | |
| | AJ | | | | | | |
| | AK | 1 | | | | | |

| | Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|----------|---|-------------|-------------|---------------|-------|----------|-----|--------|--|
| Examiner | Desig. | Document | Publication | Country or | | | | lation | |
| Initial | ID | Number | Date | Patent Office | Class | Subclass | Yes | No | |
| m | AL | 2002-352825 | 12/06/2002 | Japan | | | X | | |
| | AM | 1 | | | | | | | |
| | AN | | | | | | | | |
| | AO | | | | | | | | |
| | AP | | | | | | | | |

| | Other Documents (include Author, Title, Date, and Place of Publication) | | | | | | |
|---------------------|---|--|----------|--|--|--|--|
| Examiner Initial | Desig. ID | | Document | | | | |
| | AQ | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | | | | | | |

| Examiner Signature M. Hattely | Date Considered | | | | | |
|---|-----------------|--|--|--|--|--|
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant | | | | | | |

AUG 0 9

Substitute Form PTO-1449 (40) U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 15682-004001 Application No. 10/691,785

Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant
Tatsuya Sugawara et al.

October 23, 2003

Filing Date

Group Art Unit

¥ §1.98(b)

U.S. Patent Documents Publication Examiner Desig. Document Filing Date Initial ID Number Date Patentee Class Subclass If Appropriate M 20030148167 08/07/2003 AASugawara et al. ABACAD ΑĘ AFAG ΑH Αľ ΑJ ΑK

| | Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|----------|---|------------|-------------|---------------|-------|----------|-----|-------------------------|--|
| Examiner | Desig. | Document | Publication | Country or | | | 1 | Translation Abstract | |
| Initial | ID ID | Number | Date | Patent Office | Class | Subclass | Yes | No | |
| M | AL | 09-213353 | 08/15/1997 | Japan | | | x | | |
| M | AM | 2002-63921 | 02/28/2002 | Japan | | | Х | | |
| | AN | 1 | | | | | | | |
| | AO | | | | | | | | |
| | AP | | | | | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | | | | | | |
|---|--------|-------------|----------|--|--|--|--|
| Examiner | Desig. | | | | | | |
| Initial | ID | | Document | | | | |
| | AQ | | | | | | |
| | AR | | | | | | |
| | AS | | | | | | |
| | AT | $ $ ι | | | | | |

| Examiner Signature | Date Considered | | | | | |
|---|-----------------|--|--|--|--|--|
| L | 9.2.2006 | | | | | |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with | | | | | | |
| next communication to applicant. | | | | | | |

| • | | | | | | | Sh | eet <u>1</u> | of <u>1</u> |
|---|---------------------------------------|---------------------------------|---------------------|------------------|----------------------------|-------------|-----------------------------|--|------------------------|
| Substitute Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office | | | | | y's Docket No. 2-004001 | | Application No 10/691,78 | | |
| | <u> </u> | n Disclosure St by Applicant | | Applica Tatsu | nt ya Sugawa | ra et al. | | | |
| 37 CFR § | 7 | veral sheets if neces | sary) | Filing C | oate per 23, 2003 | 3 | Group Art Uni | t | |
| 37 CFR SCO | | | U.S. Pater | t Docu | ments | | | | |
| Examiner Initial | Desig. ID | Document Number | Publication Date | | tentee | Class | Subclass | | Date ropriate |
| | AA | | | | | | | | |
| | AB | / | | | | | | | |
| | AC | / | | | | | | | |
| | AD | | | | | | | | ***** |
| | AE | . / | | · · · · · · | , | | | | |
| | AF | | | | | | | | |
| | AG | | | | | | | | , |
| | AH | | | | | | | | |
| | AI | | | | | | | | |
| | AJ | 1 | | | | | | | |
| | · AK | 1 | | <u></u> | | | | | + 0 |
| | · · · · · · · · · · · · · · · · · · · | | | ·-·· | | | | <u> </u> | |
| - | Foreig | n Patent Doc | uments or Pu | blished | Foreign I | Patent A | Application | | |
| Examiner Initial | Desig. | Document Number | Publication Date | | intry or | Class | Subclass | L . | slation tract No |
| M | AL | 07-240220 | | lapan | | 1 | 2000.000 | X | 1,40 |
| m | AM | 58-030075 | | lapan | | | | x | |
| | AN | 1 | | | | | - | - | |
| | AO | / | | | | | | | |
| | | | | | | | | 1 | 1 |

| | Other Documents (include Author, Title, Date, and Place of Publication) | | | | | | |
|---------------------|---|---|------------|------|--|--|--|
| Examiner Initial | Desig. ID | | / Document | | | | |
| | AQ | | | | | | |
| - | AR | 7 | · | | | | |
| - | AS | 7 | | •••• | | | |
| | AT | 7 | | • | | | |

| Examiner Signature | Date Considered 9/2/2006 | | | | |
|--|---------------------------------------|--|--|--|--|
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | |
| | Substitute Disclosure Form (PTO-1449) | | | | |